

CHANGE ISSUE – RTCA/DO-242

MASPS for ADS-B

Rev. A

Tracking Information (committee secretary only)	
Change Issue Number	25
Submission Date	2/20/01
Status (open/closed/deferred)	DEFERRED
Last Action Date	5/24/01

Short Title for Change Issue:	Insertion of Military Mid-air Refueling / Formation Flying Scenario in Appendix E
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MASPS Document Reference:		Originator Information:	
Entire document (y/n)		Name	Gary Livack / FAA
Section number(s)	Appendix E	Phone	(202) 267-7954
Paragraph number(s)		E-mail	Garret.livack@faa.gov
Table/Figure number(s)		Other	livack@worldnet.att.net

Proposed Rationale for Consideration (originator should check all that apply):	
<input type="checkbox"/>	Item needed to support of near-term MASPS/MOPS development
<input type="checkbox"/>	DO-260/ED-102 1090 MHz Link MOPS Rev A
<input type="checkbox"/>	ASA MASPS
<input type="checkbox"/>	TIS-B MASPS
<input type="checkbox"/>	UAT MOPS
<input checked="" type="checkbox"/>	Item needed to support applications that have well defined concept of operation
<input type="checkbox"/>	Has complete application description
<input type="checkbox"/>	Has initial validation via operational test/evaluation
<input type="checkbox"/>	Has supporting analysis, if candidate stressing application
<input type="checkbox"/>	Item needed for harmonization with international requirements
<input type="checkbox"/>	Item identified during recent ADS-B development activities and operational evaluations
<input type="checkbox"/>	MASPS clarifications and correction item
<input type="checkbox"/>	Validation/modification of questioned MASPS requirement item
<input checked="" type="checkbox"/>	Military use provision item
<input type="checkbox"/>	New requirement item (must be associated with traffic surveillance to support ASAS)

Nature of Issue:	<input type="checkbox"/> Editorial	<input type="checkbox"/> Clarity	<input type="checkbox"/> Performance	<input checked="" type="checkbox"/> Functional
<u>Issue Description:</u> <p>The military formation flying and mid-air refueling application should be considered for possible inclusion in a revised Appendix E of the new MASPS. (I have provided a draft "Compendium" listing all the ADS-B & CNS applications that I'm tracking).</p> <p>Question: Would the formation flying / air-refueling application require any new, specific message set elements over and above those already specified. If, so, is what are they?</p> <p>(Note: Please include this application to further "justification" for the group to consider, supporting my earlier submitted issue (see Issue Paper 14 from Rick Cassell), requesting that ADS-B antenna location (or some other method to specify antenna location), be addressed.</p>				

<u>Originator's proposed resolution:</u> None submitted.
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Working Group 6 Deliberations:

February 28, 2001: This Issue Paper was discussed by the ad hoc group at their February 2001 meeting. It was agreed to consider this IP for inclusion in Revision A, but it was agreed that a more mature operational concept is needed to support military uses via Capability Class Codes and On-Condition Messages.

May 24, 2001: This Issue Paper was reviewed by the ad hoc group at their May 2001 meeting. It was agreed that this IP will be DEFERRED, due to a lack of any mature concept of operations for this message set. The group will, however, notify John Gonda of this decision and give him the opportunity to respond with any specific requirements or recommendations for the MASPS which might have the group reconsider this IP's status. **AI 5-21:** Tom Foster will notify John Gonda and Pedro Rivas of the agreed upon deferral of this IP.